

# [External Frame Backpack]

## Abstract

A backpack for a human to carry a load utilizing an external frame to which is attached a fabric bag comprised of multiple compartments each of a cylindrical geometry where the compartments share no common fabric panels. The frame has a bottom shelf that bears the weight of the bag allowing lighter fabric to be used and also allows the backpack to stand by itself on the ground. The two outside vertical tubes of the frame are not parallel, being tapered inward towards each other at the top and also rising above the topmost compartment of the bag to provide a hanging fixture for other hiking gear. A waist belt assembly can incorporate a curved polymer insert to distribute the majority of the weight of a loaded pack on the lumbar curve of the spine. The insert is overlaid with a panel of cushioning material that can be repositioned to form the base of a camp chair.